



Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(mRNP) COMPLEXES
Inventors: Keene et al.
Serial No.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 1 of 9

1/9

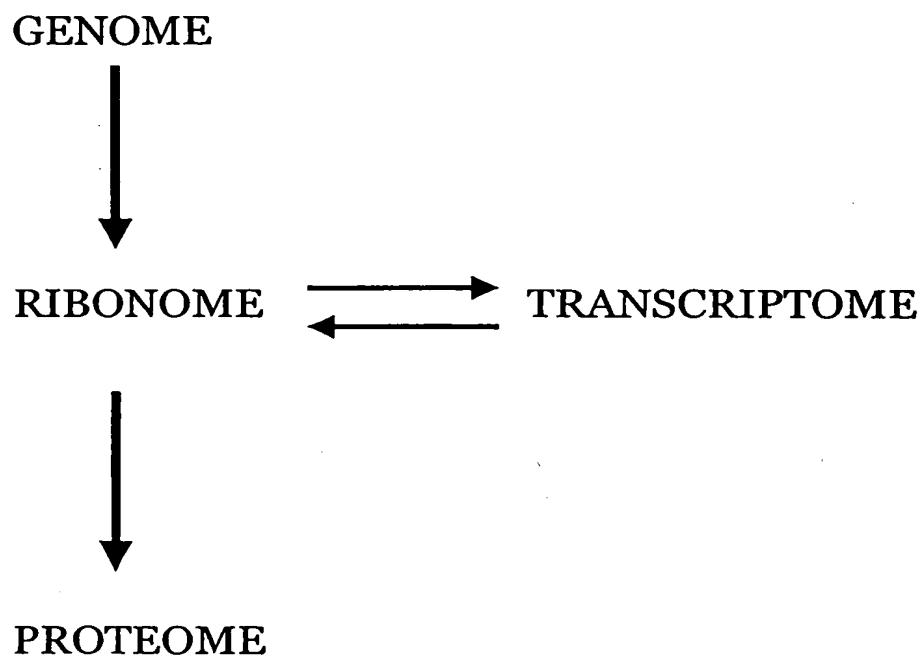


FIG. 1

1 F 8
DEC 29 2003
Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(mRNP) COMPLEXES
Inventors: Keene et al.
Serial No.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 2 of 9

2/9

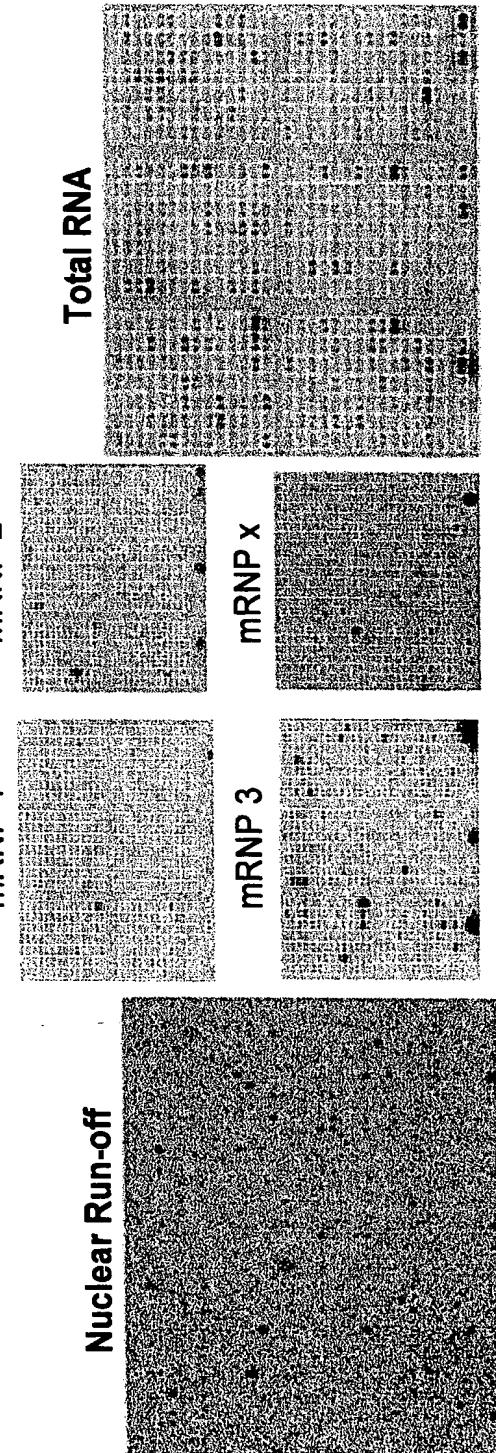
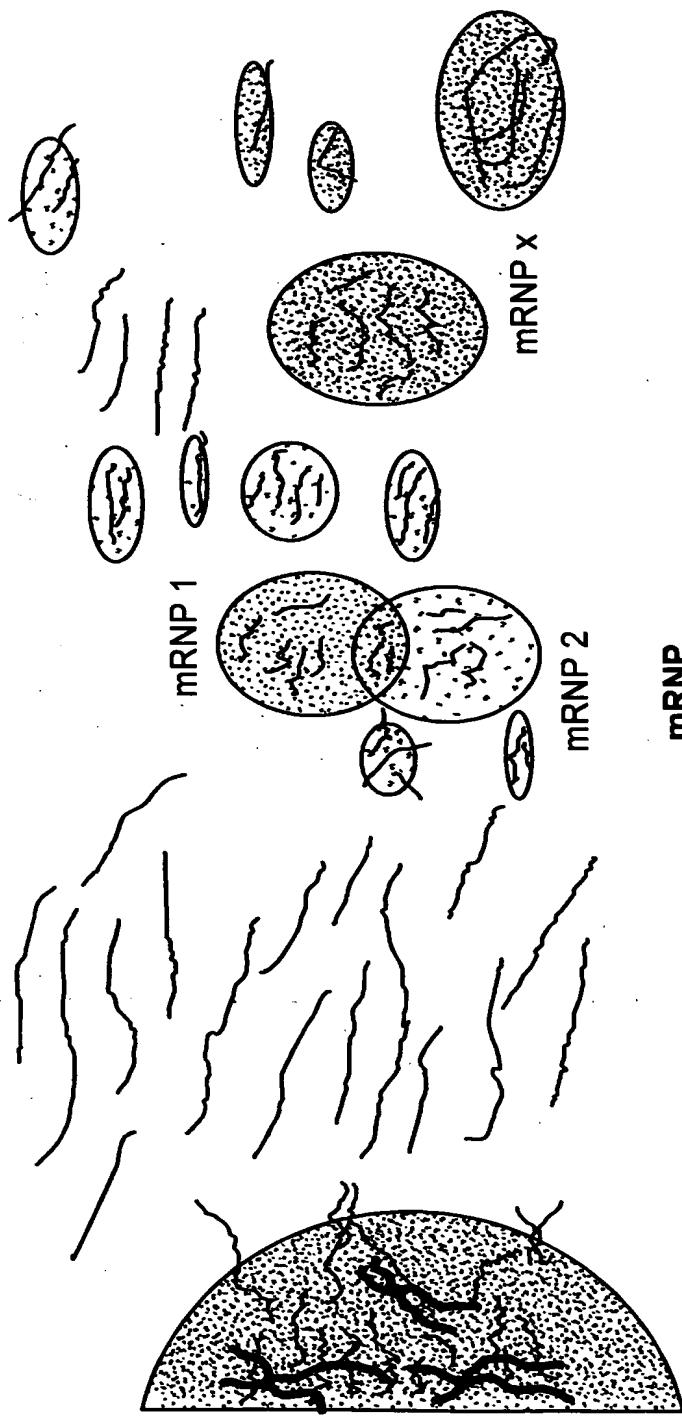


FIG. 2

DEC 29 2003

Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(MRNP) COMPLEXES
Inventors: Keene et al.
SERIAL NO.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 3 of 9

3/9

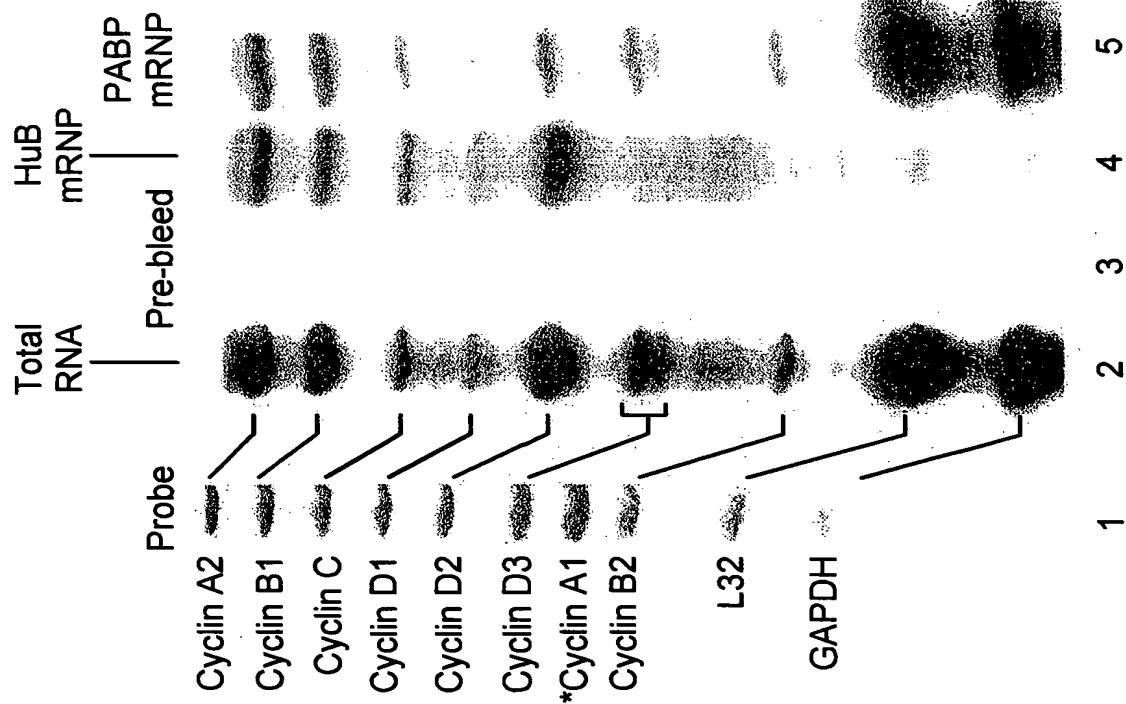


FIG. 3B

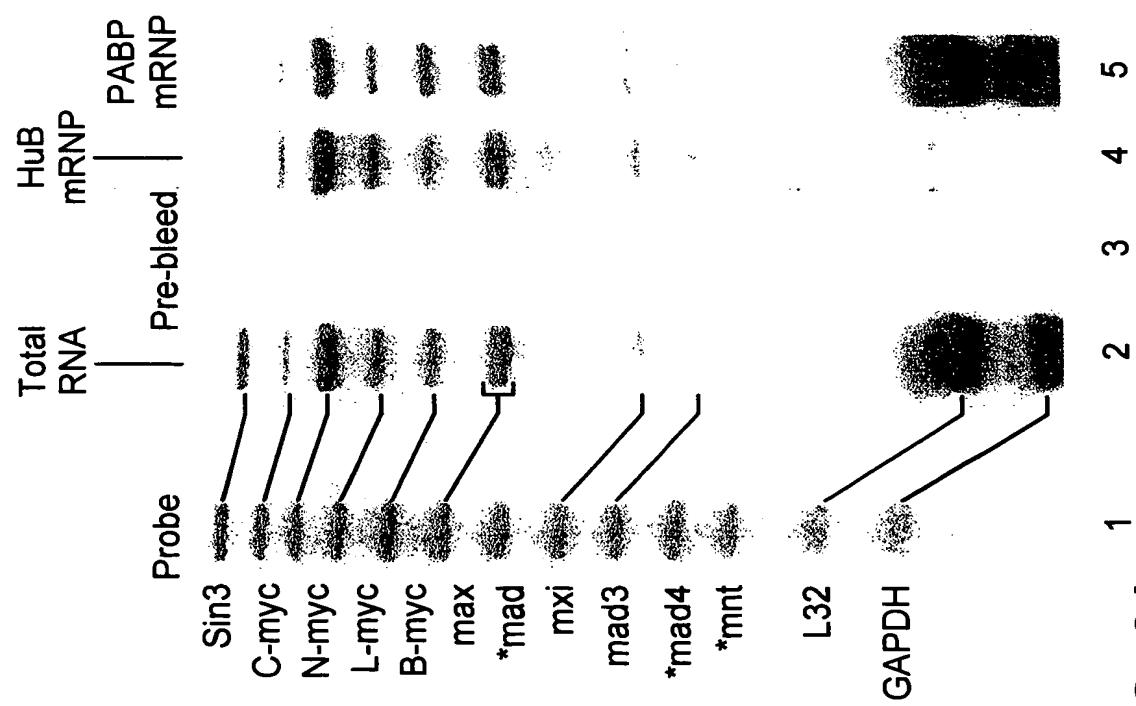


FIG. 3A

4/9

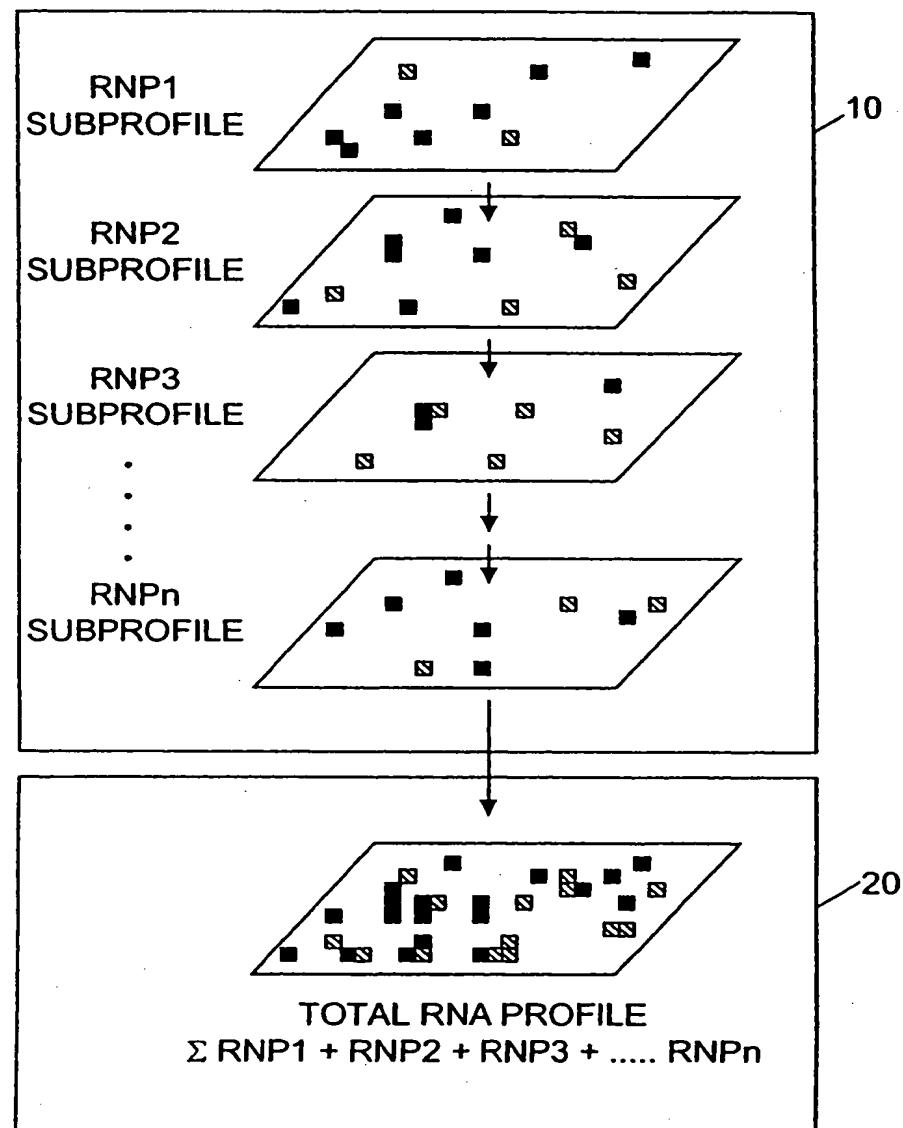


FIG. 4



Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(mRNP) COMPLEXES
Inventors: Keene et al.
Serial No.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 5 of 9

5/9

Pre-bleed

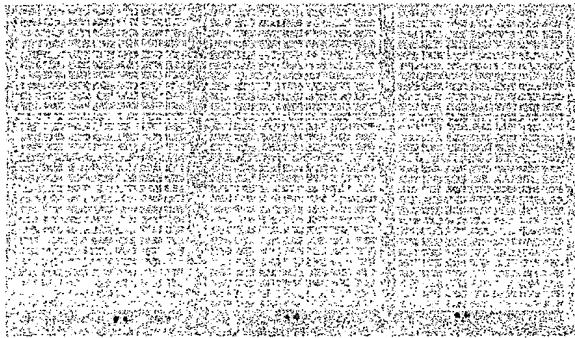


FIG. 5A

PABP mRNP

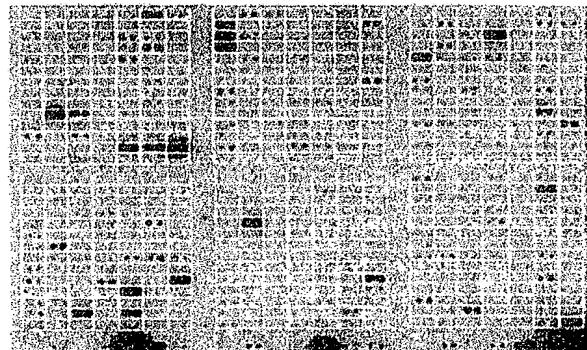


FIG. 5D

↑
a b

HuB mRNP

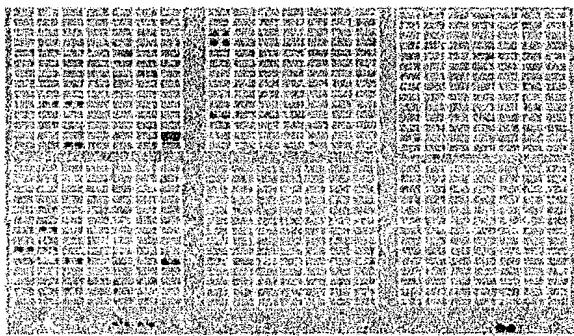


FIG. 5B

↑
a b

Total RNA

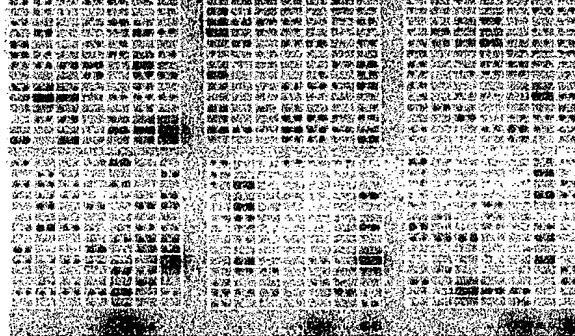


FIG. 5E

↑
a b

eIF-4E mRNP

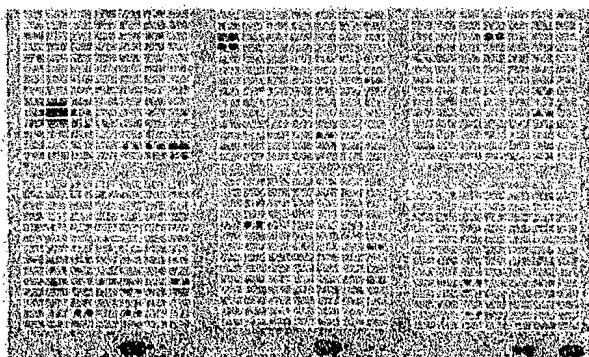


FIG. 5C

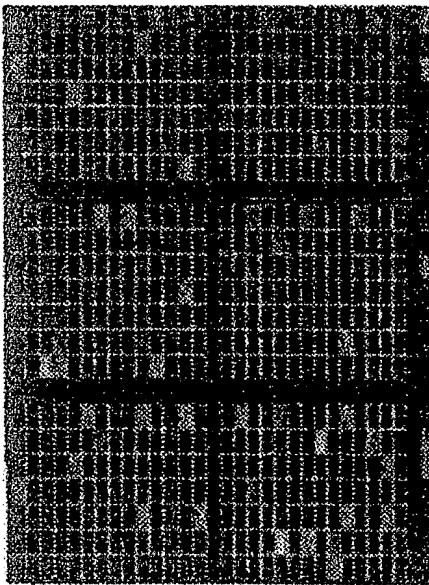
↑
a b



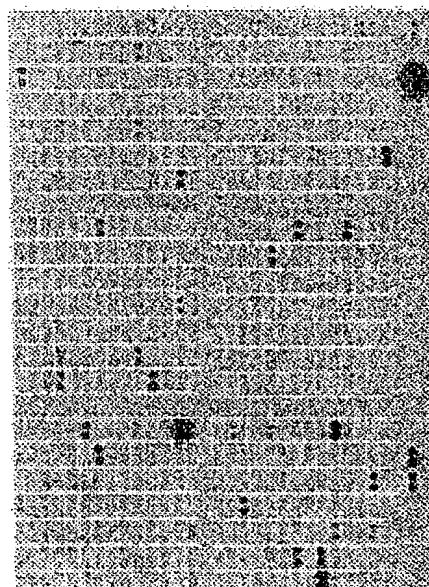
Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(MRNP) COMPLEXES
Inventors: Keene et al.
SERIAL NO.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 6 of 9

6/9

OVERLAY



RA TREATED
HuB mRNP COMPLEX



UNTREATED

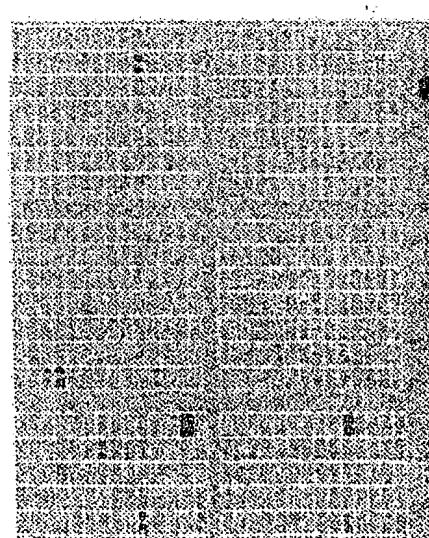
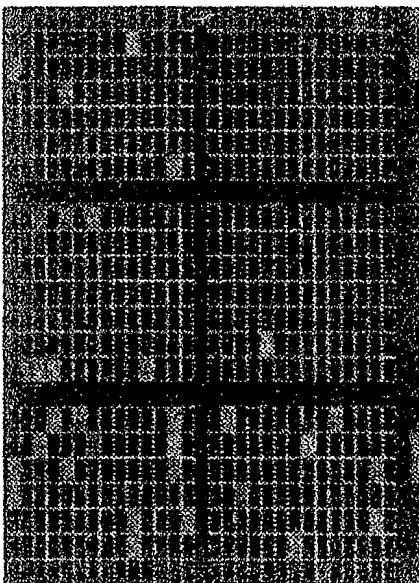


FIG. 6A

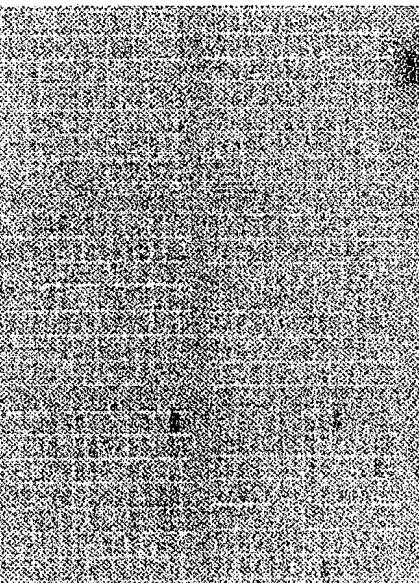
FIG. 6B

FIG. 6C

OVERLAY



RA TREATED
HuA mRNP COMPLEX



UNTREATED

7/9

FIG. 6F
OVERLAY

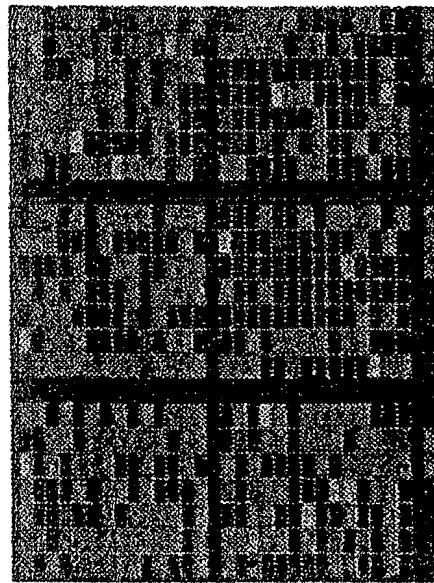


FIG. 6E
RA TREATED
TOTAL CELLULAR RNA

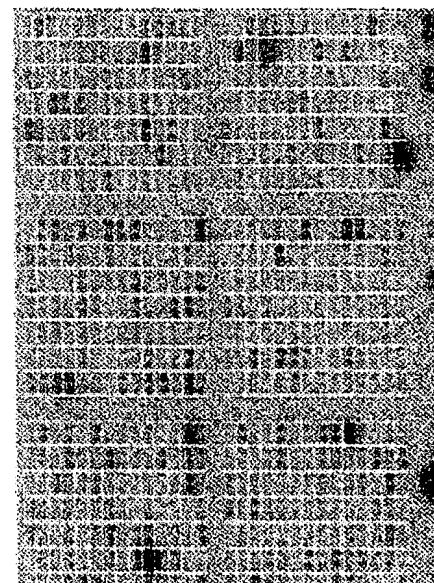


FIG. 6G

FIG. 6D
UNTREATED

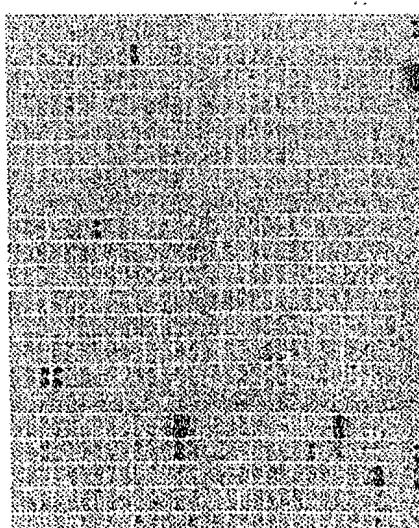


FIG. 6H

DEC 29 2003
Title: METHODS FOR ISOLATING AND
CHARACTERIZING ENDOGENOUS mRNA-PROTEIN
(mRNP) COMPLEXES
Inventors: Keene et al.
Serial No.: 10/629,453
Atty Docket No. RBN-001DV
Atty: Diana M. Steel
Figure 8 of 9

8/9

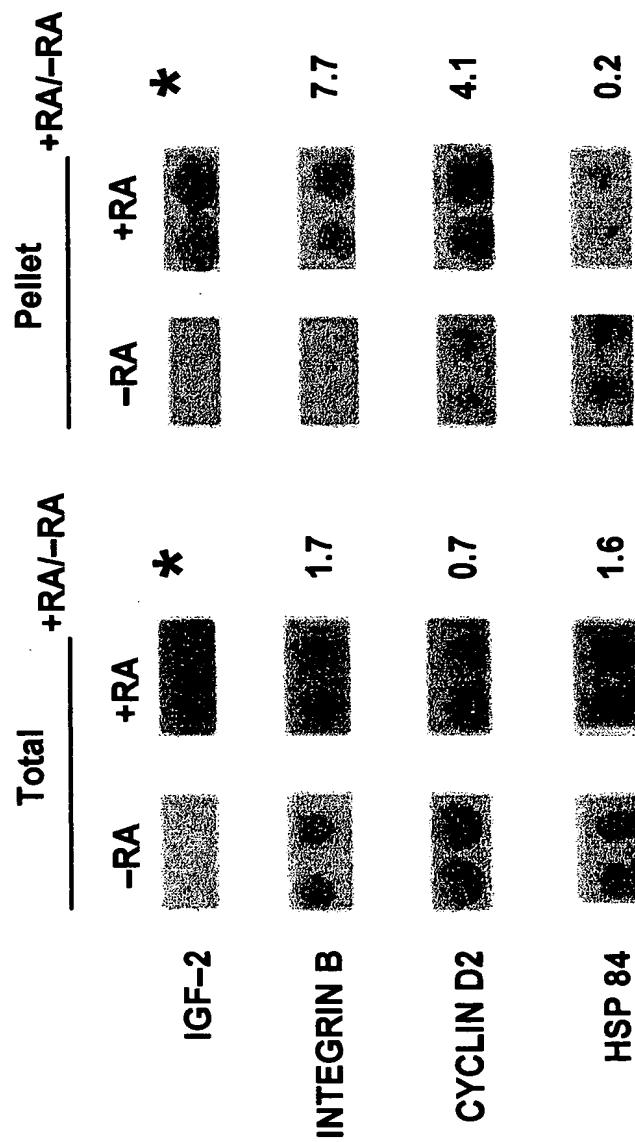


FIG. 7

9/9

